

**BRUNO CO-OP
ASSOCIATION/
ASSOCIATED
PROPERTIES**

NEBRASKA

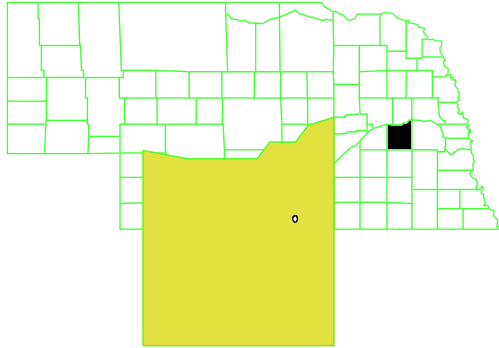
EPA ID# NED981713829

EPA Region 7

City: Bruno

County: Butler County

Other Names:



SITE DESCRIPTION

The Bruno Co-op Association/Associated Properties site consists of two contaminated municipal wells in Bruno, Nebraska and an associated groundwater plume containing grain fumigants. One well is located at the intersection of Pine and Third Streets and the second well 1,000 feet northwest of the first, is located on property that has been used to store grain since the 1940s. The site was originally owned by the Chicago and North Western Railway Co. from 1947 to the 1960s, part of the property was leased to the U.S. Department of Agriculture (USDA), which used it as a Federal grain storage facility. Local farmers purchased all but one of the corn crib bins in 1964 and moved them off-site. Bruno Co-op purchased the remaining bin. In 1988, the company also purchased Wagner Mills, Inc., a second business operating on the site. Currently, Bruno Co-op has two functional bins. Volatile organic compounds (VOCs) were first detected in 1986. These contaminants had been poured or pumped into the grain as fumigants and were also disposed at the surface for rodent control. The surrounding area is primarily agricultural, commercial, and residential.

Site Responsibility:

The site is being addressed through Federal and State actions.

NPL LISTING HISTORY

Proposed Date: 10/14/92

Final Date: 06/17/96

Deleted Date:

THREATS AND CONTAMINANTS

Both the EPA and the Nebraska Department of Health (NDOH) conducted tests from 1986 to 1988 and detected various VOCs, including carbon tetrachloride, chloroform, and 1,2-dichloroethane in the two wells. People who ingest or come into direct contact with groundwater containing these contaminants could be at risk.

CLEANUP APPROACH

Response Action Status

Initial Actions: The EPA supplied bottled water to 150 residents of Bruno from mid-1989 to late 1990 as the Bruno Public Water Supply Co. constructed new wells.

Entire Site: An investigation into the nature and extent of contamination was complete in the fall of 1994. The Feasibility Study was completed on July of 1998 and a Record of Decision (ROD) was signed September 30, 1998. The selected remedy was treatment of groundwater using extraction and air stripping technology. An engineering study was completed subsequent to the ROD to determine if a more efficient treatment technology Groundwater Circulating Wells or GCW was applicable to the cleanup at Bruno. The study indicated that the original remedy selected in the 1998 ROD was the optimum choice. The cost of this remedy was updated and an Explanation of Significant Differences (ESD) was finalized, after public comments, in order to elaborate on the cost increase.

Site Facts:

ENVIRONMENTAL PROGRESS



By providing a drinking water supply to affected residents, the immediate threats posed to the nearby population have been reduced. A ROD and ESD have been completed. Negotiations are underway.

SITE REPOSITORY



Bruno Post Office
Bruno, NE

Superfund Records Center
901 N. 5th St.
Kansas City, KS 66101
Mail Stop SUPR
(913)551-4038

REGIONAL CONTACTS

SITE MANAGER:

Dave Drave

E-MAIL ADDRESS:

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(913) 551-7626

COMMUNITY INVOLVEMENT

Diane Huffman

COORDINATOR:

PHONE NUMBER:

(913) 551-7544

PUBLIC INFORMATION CENTER:

E-MAIL ADDRESS:

STATE CONTACT:

Ralph Martin

PHONE NUMBER:

402 471-3120

MISCELLANEOUS INFORMATION

STATE:

NE

CONGRESSIONAL DISTRICT:

07DH

01

EPA ORGANIZATION:

SFD-SUPR/FFSE

MODIFICATIONS